

(No Model.)

C. L. LEONARD.

POLISHING COMPOUND FOR THE SOLES OF SHOES.

No. 378,325.

Patented Feb. 21, 1888.

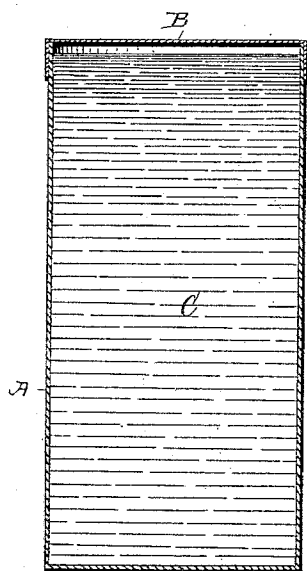


FIG. 1.

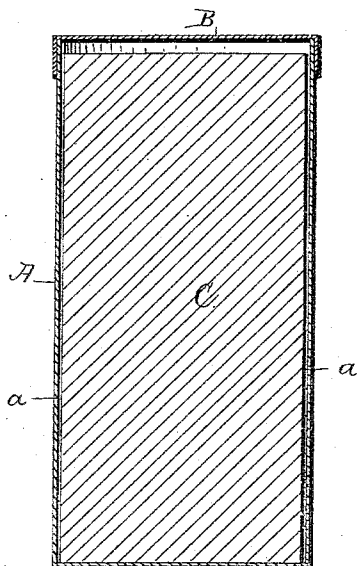


FIG. 2.

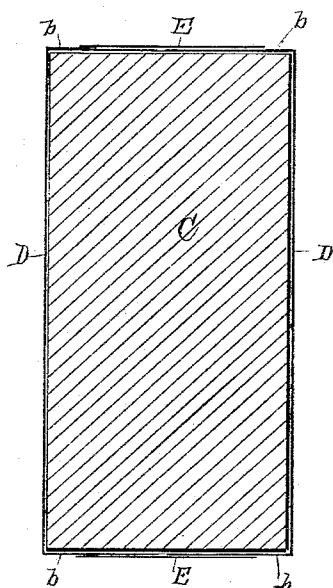


FIG. 3.

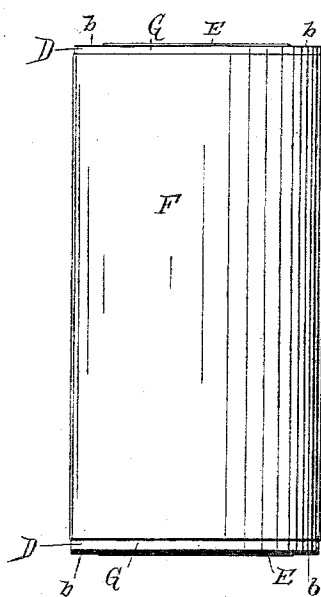


FIG. 4.

WITNESSES:

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UNITED STATES PATENT OFFICE.

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POLISHING COMPOUND FOR THE SOLES OF SHOES.

SPECIFICATION forming part of Letters Patent No. 378,325, dated February 21, 1888.

Application filed May 7, 1887. Serial No. 237,397. (No specimens.)

To all whom it may concern:

Be it known that I, CHARLES L. LEONARD, of Grafton, in the county of Worcester and Commonwealth of Massachusetts, have invented
5 Sole-Polish for Boots or Shoes, as an improved article of manufacture, and an improved process of making the same; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being
10 had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents a vertical central section of the mold and the polish when placed therein in a liquid or plastic state to cool preparatory to the next step in its preparation, as
15 will be hereinafter fully described. Fig. 2 represents a vertical central section similar to that shown in Fig. 1 after the bottom polish has cooled sufficiently to be removed from the mold, to be further acted upon as will be hereinafter described. Fig. 3 represents the cake
20 or roll of sole-polish after it has been removed from the mold and incased in tin-foil, as will be hereinafter described; and Fig. 4 represents the finished cake or roll wrapped or incased in a paper covering outside of the tin-foil, as will be hereinafter described.

To enable those skilled in the art to which my invention belongs to make and use the same,
30 I will proceed to describe my improved article of manufacture and the mode or process of making the same more in detail.

In the drawings, the part marked A is a tin or metal box having a cover or cap, B, and C the sole-polish placed therein to cool after it
35 has been prepared in a hot liquid state.

The sole-polish C is made from a mixture of carnauba-wax, French chalk, tallow, turpentine, and benzine and kerosene-oil, and in proportions to suit the preferences of boot and shoe manufacturers. A good article is produced
40 by the following proportions of each ingredient, by weight, viz: eight parts turpentine, six parts carnauba-wax, two parts tallow, one part benzine, one part French chalk, and four parts kerosene-oil.

The carnauba-wax is placed in a suitable vessel and melted with the tallow, after which the French chalk, turpentine, benzine, or kerosene-oil are added and the whole thoroughly
50 stirred and mixed, and after it has partially

cooled it is turned into molds A, of any desired size, and allowed to cool and harden, after which the rolls or cakes C are taken from the molds A, and tin-foil D quickly wrapped or
55 rolled about the sides of the cakes C, the sheet of tin-foil being somewhat longer than the cakes or rolls C, so as to extend beyond each end and wide enough to wind once around the roll of polish with its edges overlapping each
60 other, which overlapped edges are secured together with mucilage. The projecting tin-foil at the ends is now bent and folded over the ends of the roll, as shown at *b b*, while over these tin-foil ends are secured by mucilage tin-
65 foil cap-pieces E, after which a paper wrap, F, is applied over the tin-foil D on the body of the cake or roll of polish. One side of said paper wrap is first well covered with mucilage, and then such mucilage-covered side applied
70 to the tin-foil wrap D. The edges of the paper wrap, overlapping each other, are securely fastened together and to the tin-foil D, thereby making the finished roll G of sole-polish ready for the market. This inside mucilage-covered
75 paper wrap answers, mechanically, a three-fold purpose, viz: It, jointly with the tin-foil D, prevents access of air to the polish or the escape by evaporation of the benzine, turpentine, or kerosene-oil from the polish, and thus
80 prevents the polish from becoming dry and worthless. It also serves as a protection to the tin-foil D in packing and during transportation of the article, and it also serves as a check to prevent the edges of the roll of polish
85 from being rubbed off too rapidly by the brush when used, thereby tending to keep the sides of the roll from drying and crumbling, which would be the case if the end of the roll were worn off beveling.

In addition to the above mechanical results and advantages, the outside of the wrap may be used for the manufacturer's business address and for a card of instructions for the use of the sole-polish.
95

The liquid polish contracts when it cools, so that a small space, *a*, is left between the body of the polish and the inner surface of the mold A. Consequently the cooled cake or roll of polish is easily removed when cover B is
100 taken off.

When the article is to be used, the operator

removes the tin-foil E and b from one end, and holds such uncovered end to the action of a revolving brush, and then holds the bottom of the boot or shoe, as the case may be, to the action
5 of the same brush, after which he polishes the bottom on a revolving roll, and then finishes by applying the bottom to the action of a clean brush or wiping it with a linen cloth.

Polish thus made and covered does not
10 crumble, dry up, or fly from the brush. The operator, as the use progresses, tears off the paper and tin-foil around the end if the brush does not take it off fast enough.

The turpentine, benzine, or kerosene-oil by
15 my invention is retained in the polish until used and then answers as a quick drier, thereby producing fine and perfect finish or polish to the bottom of shoes or boots.

Those skilled in the art will see that by my invention a great saving is made in the use of 20 polish as heretofore made up for use, while at the same time far better and more satisfactory work is produced.

What I claim as my invention, and desire to secure by Letters Patent, is— 25

As an improved article of manufacture, a roll of shoe-polish, G, for boots or shoes, consisting of carnauba-wax, French chalk, tallow, turpentine, and benzine and kerosene-oil, and incased or wrapped in tin-foil, D, b, and E, and 30 paper, F, substantially as and for the purposes set forth.

CHARLES L. LEONARD.

Witnesses:

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